

# CHARLES DAVID OLIVAR

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## EDUCATION

### University of California, Berkeley

- BA Computer Science  
- Certificate in Design Innovation  
GPA: 3.6  
Expected May 2019

#### Coursework

User Interface Design, Data Structures, Algorithms, Databases, Internet, Security, User Experience Design, Artificial Intelligence, Game Design, Machine Architecture

#### Activities

Upsilon Pi Epsilon (CS Honors Society), Berkeley Innovation, Innovative Design, MakeNew Christian Fellowship

## SKILLS

### Programming

Javascript, Python, Java, C, SQL, Unity

### Web

HTML, CSS, JQuery, React, Redux, Node, npm, webpack, Git, Bootstrap, WordPress

### Design

Sketch, Invision, Principle, Framer, Photoshop, Illustrator, Figma, Abstract, User Research, User Testing

## PROJECTS

### Socratic

- Designed and implemented a web app that facilitates discussion of current events between users of different opinions
- Built with **html**, **css**, **javascript**, **handlebars**, and **Meteor.js**

### Pachi's Panic!

- Built a game where the player is a dog named Pachi trying to find its owner
- The first half of the game is an escape-room. The second half of the game, there are obstacles to dodge on the street
- Built in **Unity** with **C#**

### Text Editor

- Built a working text editor that supports arrow-key navigation, word wrap, undo/redo, and saving/opening files.
- Built with **Java** and the **JavaFX** Library with **IntelliJ**

## EXPERIENCE

### Indeed

UX Design Intern

May 2018 - August 2018

San Francisco CA

- Designed 5 user input screens to populate user profile (location, skills, values, types, titles)
- Prototyped designs with Framer.js (coffeescript), utilizing Map-Box's api for location mapping
- User tested with UserTesting.com and iterated on feedback

### Walmart Labs

Software Engineering Intern

Jun 2017 - Aug 2017

Sunnyvale CA

- Designed and implemented an internal web app that allowed Walmart engineers to register and authorize 3rd parties for API access
- Front-end: **React**, **Redux**, **Redux-Form** (client-side validation)
- Backend: **Joi** (server-side validation), on **Electrode** (a **Node.js** platform)

### CS 160

Reader

Aug 2018 - Present

Berkeley CA

- Grading assignments, tests, and exams for UC Berkeley's upper division course on user interface design and development

### Stowk

Web Design Intern

Oct 2017 - Jan 2018

Berkeley CA

- Designed and built Stowk's website using HTML, CSS, Javascript

### CS 61B

Academic Intern

Jan 2017 - May 2017

Berkeley CA

- Helped students understand concepts and complete labs for UC Berkeley's lower division course on Data Structures

### Facebook Techstart

Highschool Mentor

Oct 2017 - Jan 2018

San Leandro CA

- Taught AP computer science concepts to eighteen high school students every week using Java and BlueJ